

Converting Colors

XYZ(20.2562, 25.5108, 22.9253)

Have a look what the booklet for
XYZ(20.2562, 25.5108, 22.9253)
contains.

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Color

**XYZ(20.2562, 25.5108,
22.9253)**

Conversions

Conversions Part 1

Format	Color
Hex	6C937C
RGB	108, 147, 124
RGB Percent	42%, 58%, 49%
CMY	0.5765, 0.4235, 0.5137
CMYK	0.27, 0.00, 0.16, 0.42
HSL	145°, 15%, 50%
HSV	145°, 27%, 58%
XYZ	20.2562, 25.5108, 22.9253
YIQ	132.7170, -15.8610, -15.4210

Conversions

Conversions Part 2

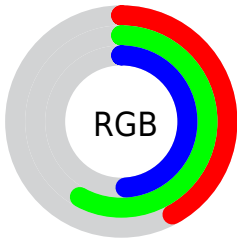
Format	Color
RYB	108, 136, 147
Decimal	7115644
CIELab	57.57, -18.45, 7.86
CIELCh	58, 20.057, 156.921
Yxy	25.5108, 0.2949, 0.3714
Android (android.graphics.Color)	4285305724 (0xFF6C937C)
YUV	132.7170, -4.2975, -21.6768
Hunter-Lab	50.5082, -16.8024, 8.4445

Details

The XYZ color **20.2562, 25.5108, 22.9253** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.4928, 18.5676, 23.9250**, and the grayscale version is **22.2113, 23.3680, 25.4478**.

A 20% lighter version of the original color is **43.3197, 52.4212, 49.4301**, and **7.2565, 9.8035, 8.1664** is the 20% darker color. If you saturate the color by 10%, you get **18.0926, 24.4567, 20.0869**, and if you desaturate by 10%, it is **22.7709, 26.7417, 26.0329**.

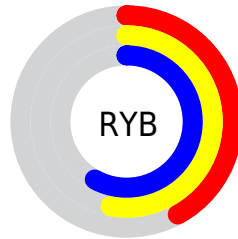
Distribution



Red (42%)

Green (58%)

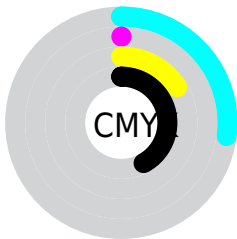
Blue (49%)



Red (42%)

Yellow (53%)

Blue (58%)

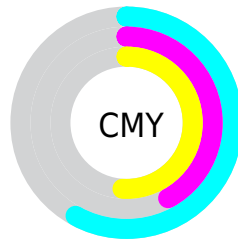


Cyan (27%)

Magenta (0%)

Yellow (16%)

Black (42%)



Cyan (58%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.2562, 25.5108, 22.9253 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 20.2562, 25.5108, 22.9253 by changing the saturation by 10% instead.


 20.2562, 25.5108,
22.9253


 20.2562, 25.5108,
22.9253


246.1059,
280.3723, 280.4506


 12.6908, 16.4580,
14.3336


 43.3470, 52.4847,
49.1923


 7.2915, 9.8488,
8.2116


 59.6030, 71.1746,
67.7046

 3.6930, 5.2988,
4.1410

 79.4867, 93.8457,
90.3609

 1.5300, 2.4237,
1.7030

 103.3632,
120.8823, 117.5797

 0.3461, 0.8380,
0.3628

131.5981,
152.6689, 149.7795

 0.0000, 0.0000,
0.0000

164.5566,

189.5898, 187.3789

202.6041,
232.0295, 230.7964

■ 20.2562, 25.5108,
22.9253

■ 20.2562, 25.5108,
22.9253

■ 18.0926, 24.4567,
20.0869

■ 22.7709, 26.7417,
26.0329

■ 16.2616, 23.5680,
17.5089

■ 25.6499, 28.1540,
29.4148

■ 14.7463, 22.8367,
15.1841

■ 28.9081, 29.7560,
33.0785

■ 13.5272, 22.2530,
13.1047

■ 32.5592, 31.5545,
37.0302

■ 12.5827, 21.8059,
11.2623

■ 36.6159, 33.5560,
41.2762

■ 11.8878, 21.4826,
9.6480

■ 41.0905, 35.7668,
45.8225

■ 11.4040, 21.2636,
8.2519

■ 45.9948, 38.1927,
50.6749

■ 11.2579, 21.1978,
7.8157

■ 51.3399, 40.8395,
55.8392

■ 57.1368, 43.7125,
61.3209

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.5872, 25.5108, 18.5184



20.2562, 25.5108, 22.9253



19.9608, 25.5108, 29.3951

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20.2562, 25.5108, 22.9253



24.8059, 25.5108, 43.0178



28.1145, 25.5108, 20.5898

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



20.2562, 25.5108, 22.9253



21.4928, 18.5676, 23.9250

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.1073, 25.5108, 26.2193



20.2562, 25.5108, 22.9253



27.1173, 25.5108, 39.6987

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



20.2562, 25.5108, 22.9253



22.4881, 25.5108, 41.7474



28.7308, 25.5108, 33.2689



26.0959, 25.5108, 17.3330

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



20.2562, 25.5108, 22.9253



20.3720, 25.5108, 34.1799



28.7308, 25.5108, 33.2689



28.5852, 25.5108, 22.2282

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



20.2569, 25.5119, 22.9259



45.0455, 49.9818, 51.6521



22.5636, 26.8086, 18.1732



10.1119, 11.3258, 11.5926



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.2569, 25.5119, 22.9259



33.8285, 44.4923, 37.8842



21.5844, 26.0429, 29.9166



5.8223, 6.5055, 6.6753



9.7713, 18.3813, 6.8374



0.1336, 0.2306, 0.1576

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.4928, 18.5676, 23.9250



36.4342, 29.8458, 39.9860



20.3151, 18.0965, 17.7228



5.9356, 5.8693, 6.7672



11.9248, 5.9750, 8.3508



0.1606, 0.0790, 0.1795

Previews

White Background



This preview shows how the XYZ color 20.2562, 25.5108, 22.9253 looks on a white background.

Color Contrast Check

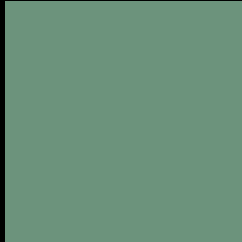
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 20.2562, 25.5108, 22.9253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2562, 25.5108, 22.9253

Background



This preview shows how black text looks on a background with the XYZ color 20.2562, 25.5108, 22.9253.



This preview shows how white text looks on a background with the XYZ color 20.2562, 25.5108,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

20.2562, 25.5108, 22.9253

Protanopia

23.9525, 25.2430, 21.0627

Deuteranopia

25.7359, 25.2759, 23.6010



Tritanopia

22.5946, 25.5554, 34.3137

Trichromacy



Original Color

20.2562, 25.5108, 22.9253

Protanomaly

22.4918, 25.3358, 21.7940

Deuteranomaly

23.3356, 25.0866, 23.3509

Tritanomaly

21.6133, 25.3744, 29.7452

Monochromacy



Original Color

20.2562, 25.5108, 22.9253

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4299, 24.0737, 24.6363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2562, 25.5108, 22.9253 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(108, 147, 124)` looks like.

```
.text, #text, p{  
    color:rgb(108, 147, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(108, 147, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 147, 124) }
```

Border

The CSS property to change the border of an element to XYZ 20.2562, 25.5108, 22.9253 is called "border". The border property can be set on classes, ids or directly on the HTML element.

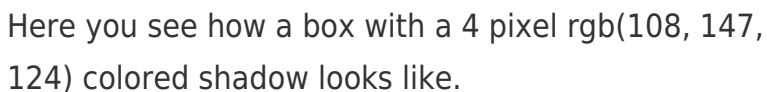
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 147, 124) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(108, 147, 124) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(108, 147, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 147, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 147, 124);  
box-shadow:4px 4px 4px 4px rgb(108, 147,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2562, 25.5108, 22.9253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 147, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(108,  
147, 124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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